

Claims

- [c1] 1. A method for a fast input of a Chinese character in a mobile phone, comprising:
entering into a Chinese text editing status and receiving an input code;
displaying a plurality of choices of Chinese characters corresponding to the input code, the plurality of the choices of the Chinese characters being arranged in a list in an order based on a usage frequency of each of the plurality of the choices of the Chinese characters;
selecting one Chinese character from the plurality of the choices of the Chinese characters by a user; and
adjusting the usage frequency of the selected Chinese character.
- [c2] 2. The method of claim 1, wherein the step of displaying the plurality of the choices of the Chinese characters corresponding to the input code includes:
searching for the plurality of the choices of the Chinese characters and the order of the plurality of the choices of the Chinese characters based on the input code;
examining a plurality of weighting values, each of the plurality of the weighting values corresponding to the

usage frequency of one of the plurality of the choices of the Chinese characters;
determining whether to adjust the order of said the list of the plurality of the choices of the Chinese characters based on the plurality of the weighting values;
adjusting the weighting value of any one of the choices of the Chinese characters with the order being adjusted when determining whether to adjust the order of the plurality of the choices of the Chinese characters; and
displaying the plurality of the choices of the Chinese characters based on the order of the plurality of the choices of the Chinese characters.

[c3] 3.The method of claim 2, wherein the step of determining whether to adjust the order of the plurality of the choices of the Chinese characters based on the plurality of the weighting values includes when any one of the plurality of the weighting values reaches a predetermined value, adjusting the Chinese character corresponding to the weighting value reaching the predetermined value ahead to a predetermined position in the order.

[c4] 4. The method of claim 2, wherein the step of adjusting the weighting value of any one of the choices of the Chinese characters comprises adding 1 to the weighting value of any one of the choices of the Chinese characters

that is adjusted.

- [c5] 5. The method of claim 4 further comprising resetting the plurality of the weighting values of the plurality of the choices of the Chinese characters to an initial value 1 when one of the plurality of the weighting values reaches a maximum value.
- [c6] 6. The method of claim 2, wherein an initial value of the plurality of the weighting values is 1.
- [c7] 7. The method of claim 1, wherein the step of adjusting the usage frequency of the selected Chinese character comprises adjusting the weighting value corresponding to the selected Chinese character.
- [c8] 8. A method for rapidly inputting a Chinese character to a mobile phone, the mobile has a memory, the memory recording a plurality of weighting values corresponding to a plurality of Chinese characters, the method comprising:
 - entering into a Chinese text editing status and inputting an input code by a user;
 - displaying a plurality of choices of Chinese characters corresponding to the input code, the plurality of the choices of the Chinese characters being arranged in an adjusted order, the adjusted order being adjusted based

on the plurality of the weighting values;
the user selecting one Chinese character from the plurality of the choices of the Chinese characters; and
adjusting the usage frequency of the selected Chinese character.

[c9] 9. The method of claim 8, wherein the step of the adjusted order being adjusted based on the plurality of the weighting values comprises:
obtaining an order of the plurality of the choices of the Chinese characters based on the input code;
determining whether to adjust the order of the plurality of the choices of the Chinese characters based on the plurality of the weighting values;
adjusting the weighting value of any one of choices of the Chinese characters that has the order adjusted when determining whether to adjust the order of the plurality of the choices of the Chinese characters; and
displaying the plurality of the choices of the Chinese characters based on the adjusted order of the plurality of the choices of the Chinese characters.

[c10] 10. The method of claim 9, wherein the step of adjusting the weighting value of any one of the choices of the Chinese characters that has the order adjusted comprises adjusting the choices of the Chinese characters corresponding to the weighting value reaching the predeter-

mined value ahead to a predetermined position in the order.

[c11] 11. The method of claim 9, wherein the step of determining whether to adjust the order of the plurality of the choices of the Chinese characters based on the plurality of the weighting values comprises when any one of the plurality of the weighting values reaches a predetermined value, adjusting the choices of the Chinese character corresponding to the weighting value reaching the predetermined value ahead to a predetermined position in the order.

[c12] 12. The method of claim 11, wherein the step of adjusting the weighting value of any one of the choices of the Chinese characters that has the order adjusted comprises adding 1 to the weighting value of any one of the choices of the Chinese characters that has the order adjusted.

[c13] 13. The method of claim 11, wherein an initial value of the plurality of weighting values is 1.

[c14] 14. The method of claim 11 further comprising resetting the plurality of the weighting values of the plurality of choices of the Chinese characters to an initial value 1 when one of the plurality of the weighting values reaches

a maximum value.